



PATENT

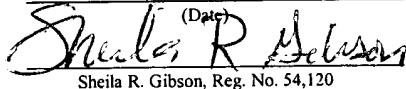
Case Docket No. ELITRA.025C2  
Date: October 22, 2003

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Lagace et al.  
App. No. : 10/672,787  
Filed : September 26, 2003  
For : NUCLEOTIDE SEQUENCES OF  
MORAXELLA CATARRHALIS  
GENOME  
Examiner : Not Assigned  
Group Art Unit : Not Assigned

I hereby certify that this correspondence and all  
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Patents, P.O. Box 1450, Alexandria, Virginia  
22313-1450, on

October 22, 2003

  
Sheila R. Gibson, Reg. No. 54,120

TRANSMITTAL LETTER

COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) Information Disclosure Statement.
- (X) Form PTO-1449 listing twenty-six (26) references.
- (X) Return prepaid postcard.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment, to Account No. 11-1410.

  
Sheila R. Gibson  
Registration No. 54,120  
Attorney of Record

**INFORMATION DISCLOSURE STATEMENT**

Applicant	:	Lagace et al.
App. No.	:	10/672,787
Filed	:	September 26, 2003
For	:	NUCLEOTIDE SEQUENCES OF MORAXELLA CATARRHALIS GENOME
Examiner	:	Not Assigned
Group Art Unit	:	Not Assigned

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing twenty-six (26) references, twenty-five of which were previously disclosed to or cited by the Patent and Trademark Office in the prosecution of U.S. Patent Application No. 09/596,002, filed June 16, 2000, now U.S. Patent No. 6,632,636, which is the parent of this application, and is relied upon for an earlier filing date under 35 U.S.C. § 120, and which is also listed on the form PTO-1449. Copies of references that were previously disclosed are not submitted pursuant to 37 C.F.R. § 1.98(d). In addition, a copy of listed U.S. Patent No. 6,632,636 is not included pursuant to the PTO waiver of the requirement under 37 C.F.R. § 1.98(a)(2)(i) for applications filed after June 30, 2003.

Appl. No. :  
Filed :

Docket No.  
Customer No. 20,995

This Information Disclosure Statement is being filed with an RCE or within three months of the filing date of this application and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1), (b)(2), or (b)(4).

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: October 22, 2003

By: Sheila R. Gibson  
Sheila R. Gibson  
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE

PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.  
ELITRA.025C2APPLICATION NO.  
10/672,787O P E R A T I O N S  
JULY 27 2003  
INFORMATION DISCLOSURE STATEMENT  
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT  
Lagace et al.FILING DATE  
September 26, 2003GROUP  
Not Assigned

## U.S. PATENT DOCUMENTS

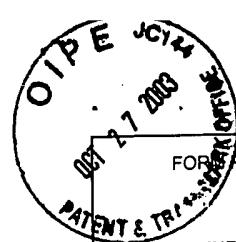
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
1.		5,474,796	12/12/95	Brennan			
2.		5,605,662	02/25/97	Heller, et al.			
3.		5,830,721	11/03/98	Stemmer, et al.			
4.		5,876,946	03/02/99	Burbaum, et al.			
5.		6,110,704	08/29/00	Huang et al.			
6.		6,632,636	10/14/03	Lagace et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
7.	Athauda et al., "Entrapment and inhibition of human immunodeficiency virus proteinase by $\alpha_2$ -macroglobulin and structural changes in the inhibitor," <i>J. Biochem.</i> , 113: 742-746 (1993)
8.	Bhushan R. et al., "Molecular Cloning and Characterization of Outer Membrane Protein E of Moraxella (Branhamella) catarrhalis," <i>Journal of Bacteriology</i> , 176: 6636-6643 (1994)
9.	Blattner et al., "Analysis of the <i>Escherichia coli</i> genome. IV. DNA sequence of the region from 89.2 to 92.8 minutes," <i>Nucleic Acids Research</i> , 21: 5408-5417 (1993)
10.	Braxton et al., "Incorporation of a stabilizing $Ca^{2+}$ -binding loop into subtilisin BPN," <i>Biochemistry</i> , 31: 7796-7801 (1992)
11.	Bult et al., "Complete genome sequence of the methanogenic archaeon," <i>Methanococcus jannaschii</i> . <i>Science</i> , 273: 1053, 1067-1073 (1996)
12.	Cote et al., "Generation of human monoclonal antibodies reactive with cellular antigens," <i>Proc. Natl. Acad. Sci. USA</i> , 80: 2026-2030 (1983)
13.	Fleischmann et al., "Whole-genome random sequencing and assembly of <i>Haemophilus influenzae</i> Rd," <i>Science</i> , 269: 496-498, 507-512 (1995)
14.	Fraser et al., "The minimal gene complement of <i>Mycoplasma genitalium</i> ," <i>Science</i> , 270: 397-403 (1995)
15.	Gee et al., "Potential therapeutic usefulness of intermolecular triplex DNA," <i>In Huber, B. E. (Ed.). Molecular &amp; Immunologic Approaches</i> , 1: 163-177: (1994)
16.	Gordon et al., "Consed: A graphical tool for sequence finishing," <i>Genome Research</i> , 8: 195-202 (1998)
17.	Heller et al., "Discovery and analysis of inflammatory disease-related genes using cDNA microarrays," <i>Proc. Natl. Acad. Sci. USA</i> , 94: 2150-2155 (1997)
18.	Helminen et al., "A Large Antigenically Conserved Protein on the Surface of Moraxella catarrhalis Is a Target for Protective Antibodies," <i>Journal of Infectious Disease</i> , 170: 867-872 (1994)
19.	Hensel et al., "Simultaneous identification of bacterial virulence genes by negative selection," <i>Science</i> , 269: 400-403 (1995)
20.	Huse et al., "Generation of a large combinatorial library of the immunoglobulin repertoire in Phage Lambda," <i>Science</i> , 246: 1275-1281 (1989)

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. ELITRA.025C2	APPLICATION NO. 10/672,787
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		
(USE SEVERAL SHEETS IF NECESSARY)		
APPLICANT Lagace et al.	FILING DATE September 26, 2003	
GROUP Not Assigned		

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
21.	Kohler et al., "Continuous cultures of fused cells secreting antibody of predefined specificity," <i>Nature</i> , 256: 495-497 (1975)
22.	Kozbor et al., "Specific immunoglobulin production and enhanced tumorigenicity following ascites growth of human hybridomas," <i>Journal of Immunological Methods</i> , 81: 31-42 (1985)
23.	Lander et al., "Genomic mapping by fingerprinting random clones: A mathematical analysis," <i>Genomics</i> , 2: 231-239 (1988)
24.	Mahan et al., "Selection of bacterial virulence genes that are specifically induced in host tissues," <i>Science</i> , 259: 686-688 (1993)
25.	Sanger et al., "A rapid method for determining sequences in DNA by primed synthesis with DNA polymerase," <i>J. Mol. Biol.</i> , 94: 441-448 (1975)
26.	Schena et al., "Parallel human genome analysis: Microarray-based expression monitoring of 1000 genes," <i>Proc. Natl. Acad. Sci. USA</i> , 93:10614-10619 (1996)

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